



FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 10 : STORAGE TANKS					P13.2
System 7 : DOMED EXTERNAL FLOATING ROOF TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO. 2625, GAS OIL, 180000 BBL; DIAMETER: 165 FT; HEIGHT: 48 FT WITH A/N : 472048 Permit to Construct Issued: 07/29/08 DOME COVER, GEODESIC FLOATED ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE GUIDEPOLE, GASKETED SLIDING COVER, WITH WIPER, UNSLOTTED	D958				B22.7, C1.28, H23.33, K67.9

* (1)(1A)(1B)Denotes RECLAIM emission factor	(2)(2A)(2B)Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit	(4) Denotes BACT emission limit
(5)(5A)(5B)Denotes command and control emission limit	(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit	(8)(8A)(8B)Denotes 40 CFR limits(e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits	(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator



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The operator shall comply with the terms and conditions set forth below:

Process 12 : MISCELLANEOUS					
System 8 : EMERGENCY IC ENGINES					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CUMMINS, MODEL CFP9E-F40, SIX CYLINDERS WITH TURBOCHARGER AND AFTERCOOLER, SERIAL NO. TBD, 327 BHP A/N : 498235 Permit to Construct Issued: TBD	D966		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL(4) [RULE 1303(a)(1)-BACT,5-10-1996; RULE 1303(a)(1)-BACT,12-6-2002; RULE 1470,6-1-2007] ; NOX: 132 LBS/1000 GAL DIESEL (1)[RULE 2012,5-6-2005] NOX + ROG: 3 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE1303(a)(1)-BACT,12-6-2002; RULE 1470,6-1-2007; RULE 2005, 5-6-2005]; PM: 0.15 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996 RULE 1303(a)(1)-BACT,12-6-2002;RULE1470,6-1-2007] ; PM: (9) [RULE 404,2-7-1986] ; SOX: 6.24 LBS/1000GAL DIESEL (1) [RULE 2011,5-6-2005]	B61.3, C1.24, C1.25, C1.29, H23.35, I296.1, K67.10
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CUMMINS, MODEL CFP9E-F40, SIX CYLINDERS WITH TURBOCHARGER AND AFTERCOOLER, SERIAL NO. TBD, 327 BHP A/N : 498236 Permit to Construct Issued: TBD	D967		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL(4) [RULE 1303(a)(1)-BACT,5-10-1996; RULE 1303(a)(1)-BACT,12-6-2002; RULE 1470,6-1-2007] ; NOX: 132 LBS/1000 GAL DIESEL (1)[RULE 2012,5-6-2005] NOX + ROG: 3 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE1303(a)(1)-BACT,12-6-2002; RULE 1470,6-1-2007; RULE 2005, 5-6-2005]; PM: 0.15 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996 RULE 1303(a)(1)-BACT,12-6-2002;RULE1470,6-1-2007] ; PM: (9) [RULE 404,2-7-1986] ; SOX: 6.24 LBS/1000GAL DIESEL (1) [RULE 2011,5-6-2005]	B61.3, C1.24, C1.25, C1.29, H23.35, I296.1, K67.10

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(9) See App B for Emission Limits	(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[**RULE 401, 3-2-1984**; RULE 401, 11-9-2001]

F14.1 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

This condition shall become effective on or after June 1, 2004.

[**RULE 431.2, 5-4-1990**; RULE 431.2, 9-15-2000]

F24.1 Accidental release prevention requirements of Section 112(r)(7):

a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).

b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

[**40CFR 68 – Accidental Release Prevention,5-24-1996**]



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The operator shall comply with the terms and conditions set forth below:

- F25.1 The permit holder of this facility shall not install, alter, or operate a refinery process unit or other non-Rule 219 exempt equipment without a valid RECLAIM/TitleV permit issued by the AQMD pursuant to Rule 201 – Permit to Construct, Rule 203 - Permit to Operate, Rule 2004 - Requirements, and Rule 3002 - Requirements, as applicable.

Notwithstanding the above, the provisions of Rules 201, 203, 2004, and 3002 shall not apply to installations or alterations that involve only the equipment listed in Table 1 below, nor shall they apply to the operation of equipment listed in Table 1, when directly associated with permitted process units or other permitted equipment.

Notwithstanding the above, all new equipment listed in Table 1, including associated fugitive components installed with such equipment, shall have Best Available Control Technology installed in conformance with the Best Available Control Technology Guidelines in effect at the time of the installation.

TABLE 1

- (a) Heat Exchanger (including air-cooler, reboiler, cooler, condenser, and shell and tube exchanger)
- (b) In-line Mixer
- (c) Pump
- (d) Knockout Pot - Compressor inlet (immediate inlet) and interstage
- (e) Knockout Pot - Fuel Gas System (downstream of fuel gas mix drums)

This condition applies only to the facility that processes petroleum as defined in the Standard Industrial Classification Manual as Industry No. 2911 - Petroleum Refining, as well as its directly associated sulfur recovery plant which may be located outside of the facility.

[**RULE 2004, 5-11-2001**;RULE 2004, 4-6-2007]

- F34.2 The operator shall not sell refinery gas containing sulfur compounds in excess of 40 ppmv, calculated as hydrogen sulfide, averaged over 4-hour period.

[**RULE 431.1, 6-12-1998**]



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The operator shall comply with the terms and conditions set forth below:

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

CONSENT DECREE CIVIL NO. H-05-0258. The facility shall send the District a copy of the semiannual updates sent to the EPA of the specific requirement of emission standards and limitations from the Consent Decree as well as dates of compliance for the requirement not yet fulfilled.

40 CFR 60 SubpartA

40 CFR 61 SubpartA

40 CFR 63 SubpartA

[40CFR 60 Subpart A, 5-16-2007; 40CFR 61 Subpart A, 5-16-2007; 40CFR 63 Subpart A, 5-16-2007; CONSENTDECREE CIVIL NO. H-05-0258, 8-11-2008]

F60.1 The emission limits identified in Section D and H of the permit shall be defined as emissions discharged to the atmosphere from the originating equipment.

PROCESS CONDITIONS

P13.2 All devices under this process are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Benzene	40CFR61, SUBPART	FF

[40CFR 61 Subpart FF, 12-4-2003]

[Processes subject to this condition : 1, 2, 3, 4, 5, 6, 7, 8, 9, 10]



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The operator shall comply with the terms and conditions set forth below:

B. Material/Fuel Type Limits

B22.7 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.1 psia or greater under actual operating conditions.

For the purposes of this condition, organic liquid materials that are stored at ambient temperatures with a flash point of 100 deg F or more as determined by ASTM Method D-93, shall be deemed to have a true vapor pressure of less than or equal to 0.1 psia under actual storage conditions.

The flash point of the material stored shall be determined every time there is a change of the material stored in the tank.

[RULE 1178, 4-7-2006; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D958]

B61.3 The operator shall only use diesel fuel containing the following specified compounds:

Compound	Less than or equal to	ppm by weight
Sulfur	Less than or equal to	15

[RULE 1470, 6-1-2007; RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

[Devices subject to this condition : D930, D966, D967]

C. Throughput or Operating Parameter Limits

C1.24 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

To comply with this condition, the operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 5-6-2005]

[Devices subject to this condition : D930, D966, D967]



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The operator shall comply with the terms and conditions set forth below:

C1.25 The operator shall limit the maintenance testing to no more than 50 hour(s) in any one year.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[**RULE 1303(a)(1)-BACT,5-10-1996**;RULE 1303(a)(1)-BACT,12-6-2002; RULE 1470, 6-1-2007]

[Devices subject to this condition : D930, D966, D967]

C1.28 The operator shall limit the throughput to no more than 1,705,000 barrel(s) in any one calendar month.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: $0.14 \times d \times d \times l$, where d is the diameter of the tank in feet based on the tank strapping chart and l is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per hour.

The operator shall calculate the total one-way roof movement, in feet, on a daily and monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8 %, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to time that the ATLG went out of service.

The operator shall keep adequate records to show compliance with the limitations specified in this permit. Such records shall be maintained and kept on file for at least five years and shall be made available to the Executive Officer or his authorized representative upon request.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D958]



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The operator shall comply with the terms and conditions set forth below:

C1.29 The operator shall limit the maintenance and testing to no more than 4.2 hour(s) in any one month.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[**RULE 1303(a)(1)-BACT,5-10-1996**;RULE 1303(a)(1)-BACT,12-6-2002]

[Devices subject to this condition : D966, D967]

H. Applicable Rules

H23.33 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463
VOC	District Rule	1149

For Rule 463 applicability, only subdivision (d) in the May 6, 2005 amendment, or equivalent requirements in the future amendments, shall apply to domed external floating roof tanks.

[**RULE 1149, 7-14-1995**; RULE 1149, 5-2-2008; **RULE 463, 5-6-2005**]

[Devices subject to this condition : D958]

H23.35 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1470
CO	40CFR60, SUBPART	III
NOx	40CFR60, SUBPART	III
PM	40CFR60, SUBPART	III
ROG	40CFR60, SUBPART	III
HAPs	40CFR63, SUBPART	ZZZZ

[**RULE 1470, 6-1-2007**; **40CFR 60 Subpart III, 7-11-2006**; **40CFR63 Subpart ZZZZ, 1-18-2008**]

[Devices subject to this condition : D966, D967]



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The operator shall comply with the terms and conditions set forth below:

I. Administrative

I296.1 This equipment shall not be operated unless the operator demonstrates to the Executive Officer that the facility holds sufficient RTCs to offset the prorated annual emissions increase for the first compliance year of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the first compliance year of operation, the facility holds sufficient RTCs in an amount equal to the annual emissions increase.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D966, D967]

K. Record Keeping/Reporting

K67.9 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Tank throughput in barrels

True vapor pressure, in psia at actual temperature or the flash point data determined per Condition B22.7

Commodity stored

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D958]



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The operator shall comply with the terms and conditions set forth below:

K67.10 The operator shall keep records, in a manner approved by the district, for the following parameter(s) or item(s):

A log of engine operations, including manual and automatic operation, documenting the total time the engine is operated each month and the specific reason for operation as:

- A. Emergency use
- B. Maintenance and testing
- C. Other (Describe the reason for the operation)

In addition, for each time the engine is manually started, the log shall include the date of engine operation, the specific reason for operation, and the totalizing hour meter readings (in hours and tenths of hours) at the beginning and end of the operation.

On or before January 15th of each year, the operator shall record in the engine log:

- A. the total hours of engine operation for the previous calendar year, and
- B. the total hours of engine operation for maintenance and testing for the previous calendar year.

Engine operation log(s) shall be retained on site for a minimum of five calendar years and shall be made available to the Executive Officer or representative upon request.

[**RULE 1110.2, 2-1-2008; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1470, 6-1-2007; RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D966, D967]